

FIG. 1

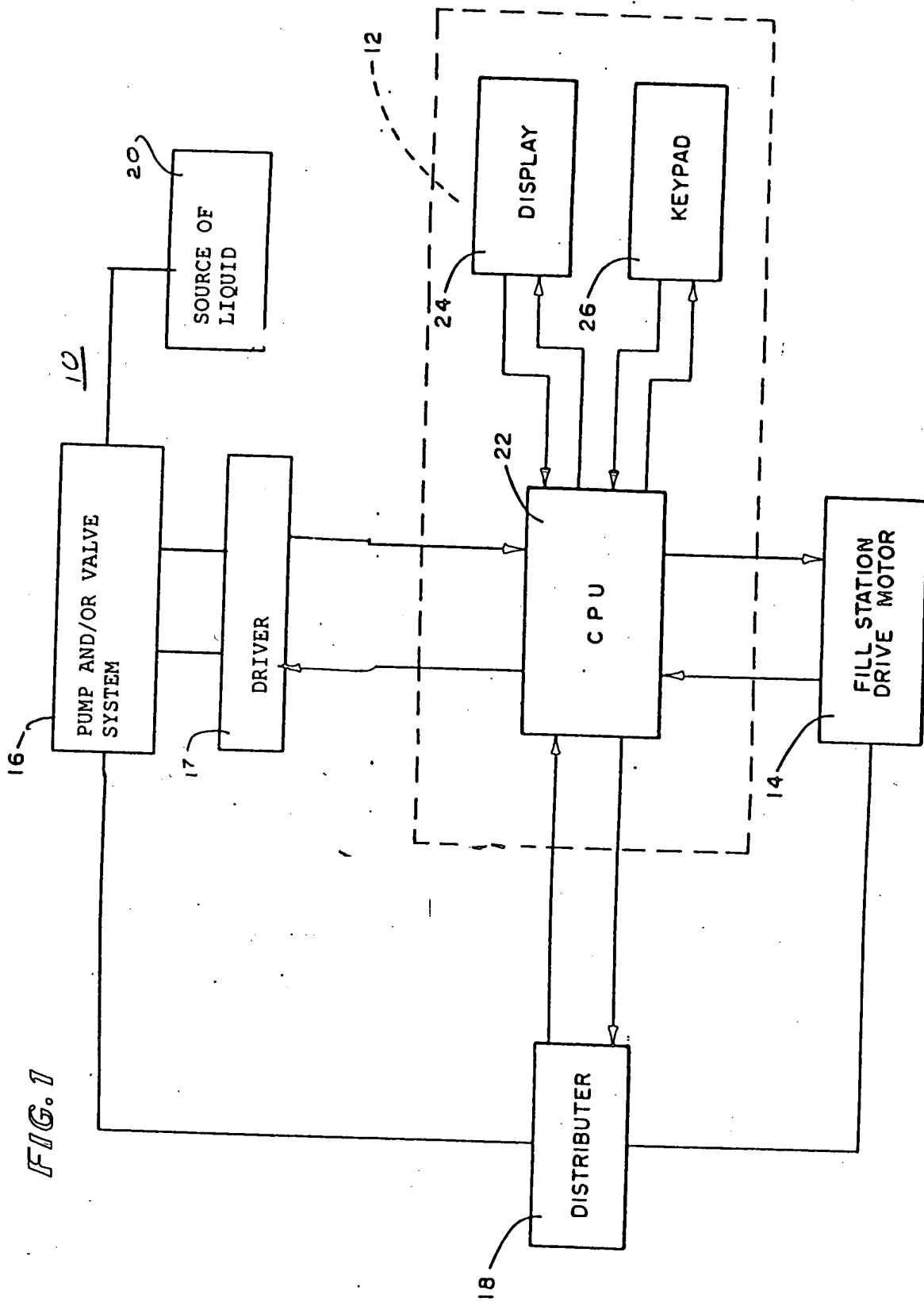


FIG. 2

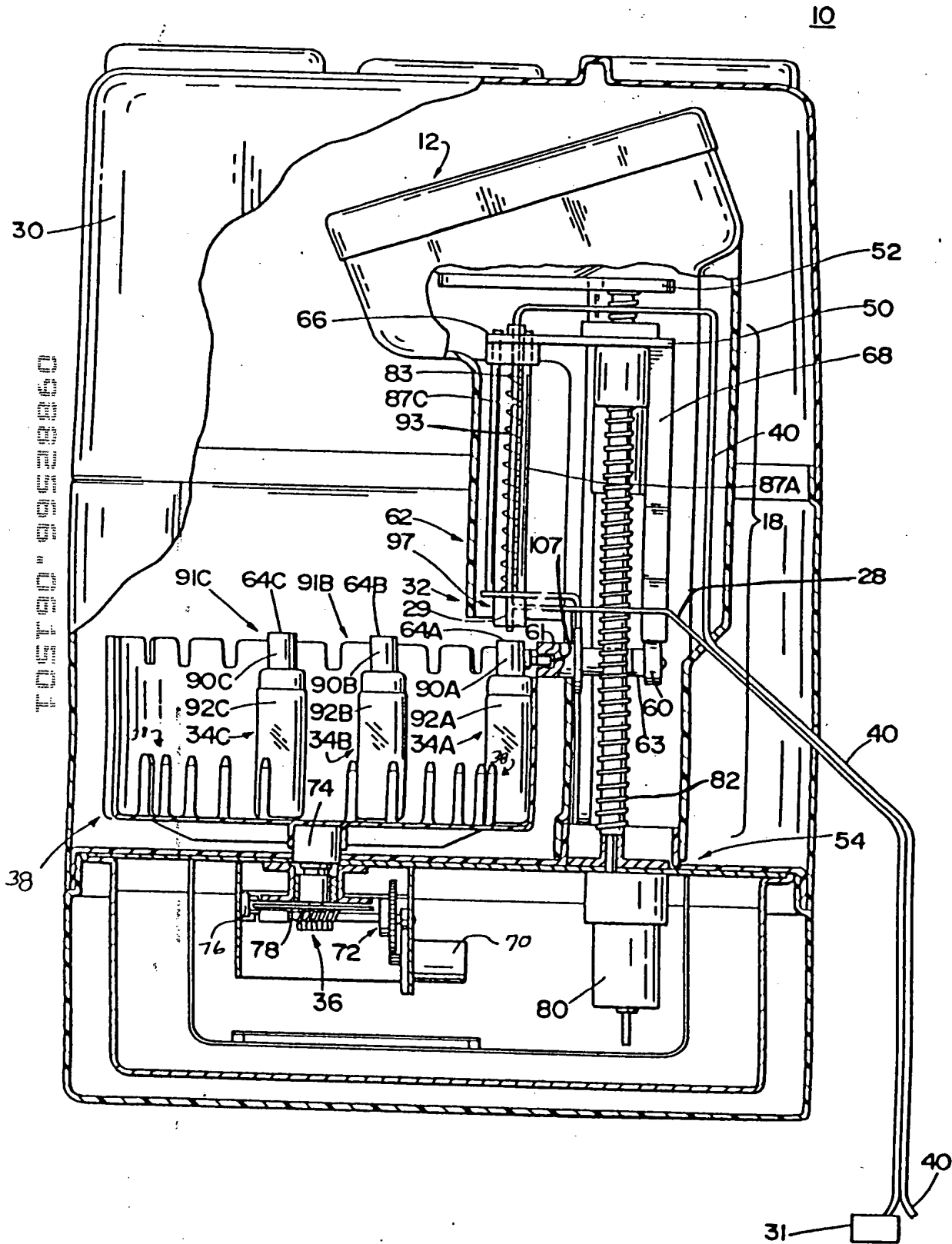


FIG 3

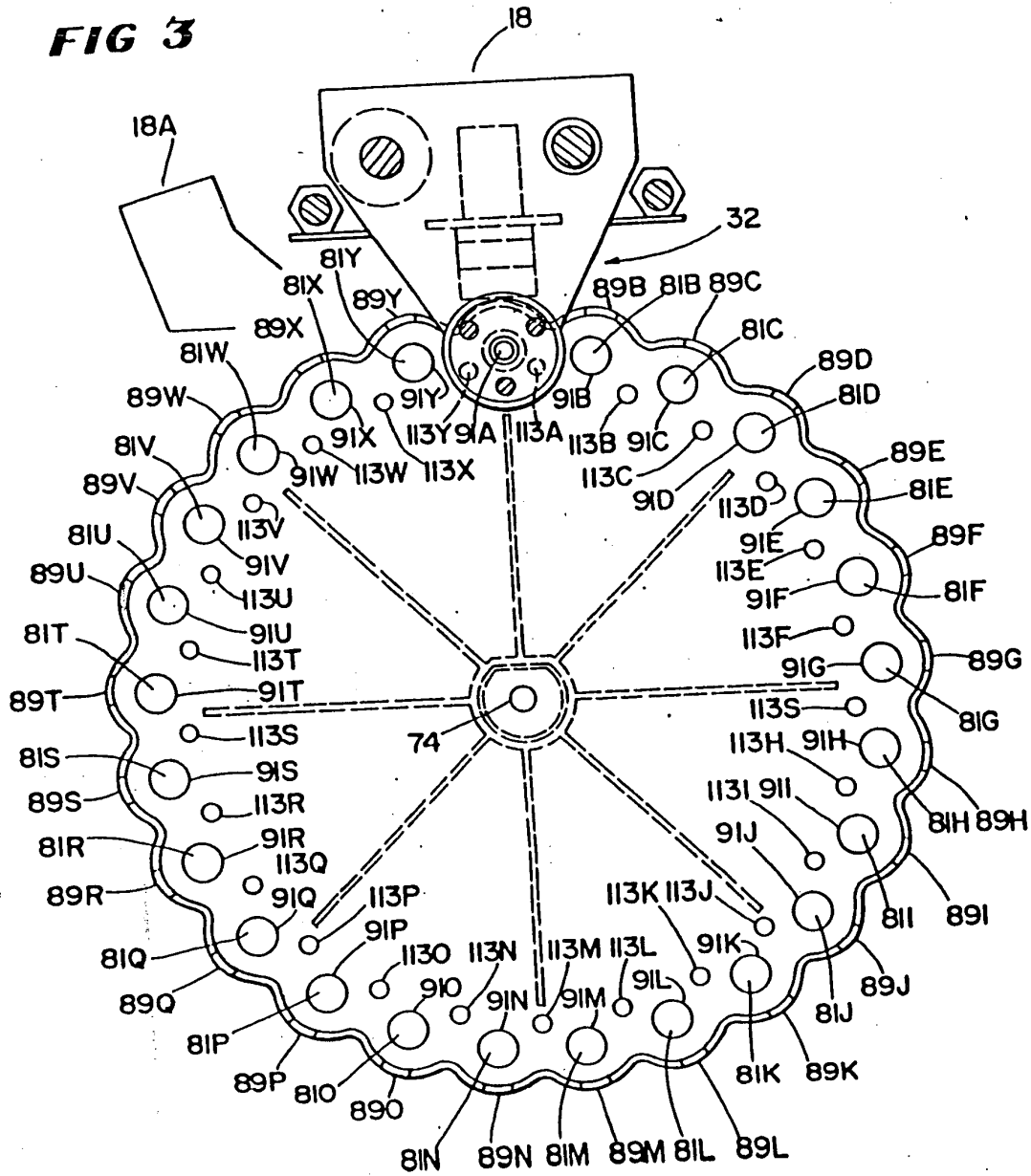


FIG 3

FIG. 4

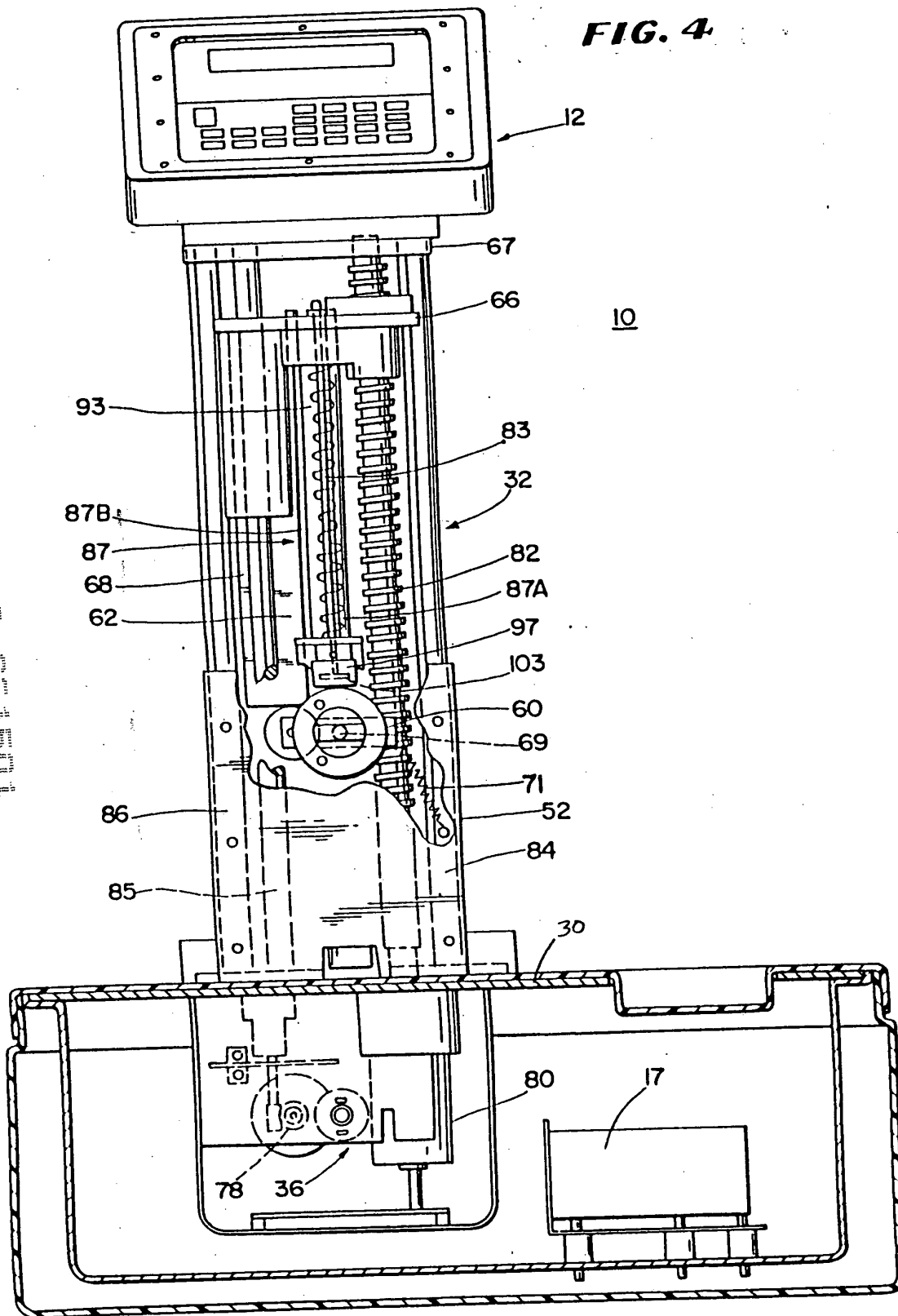


FIG. 6

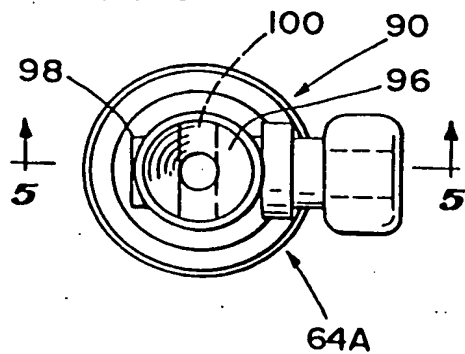


FIG. 5

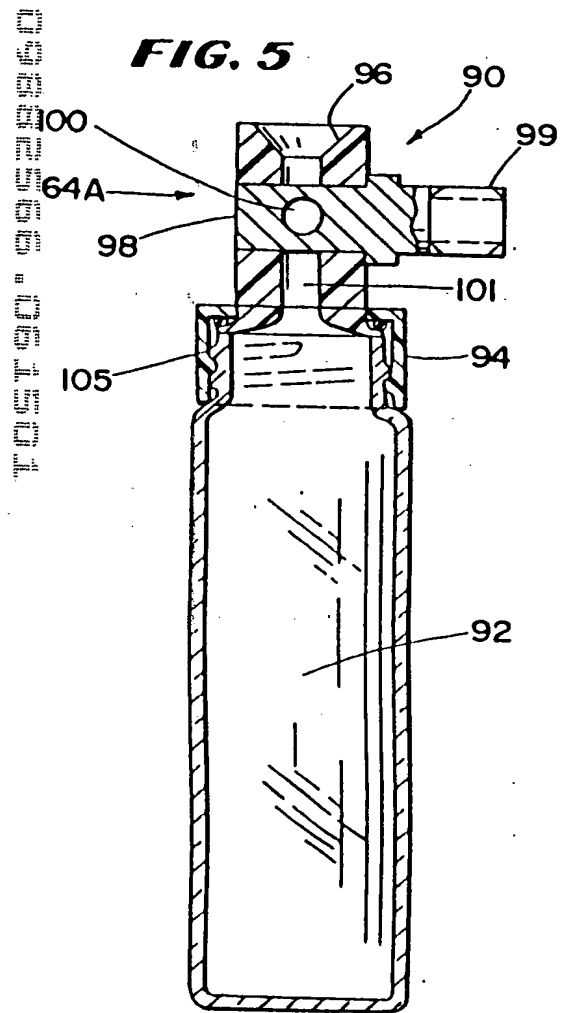


FIG. 7

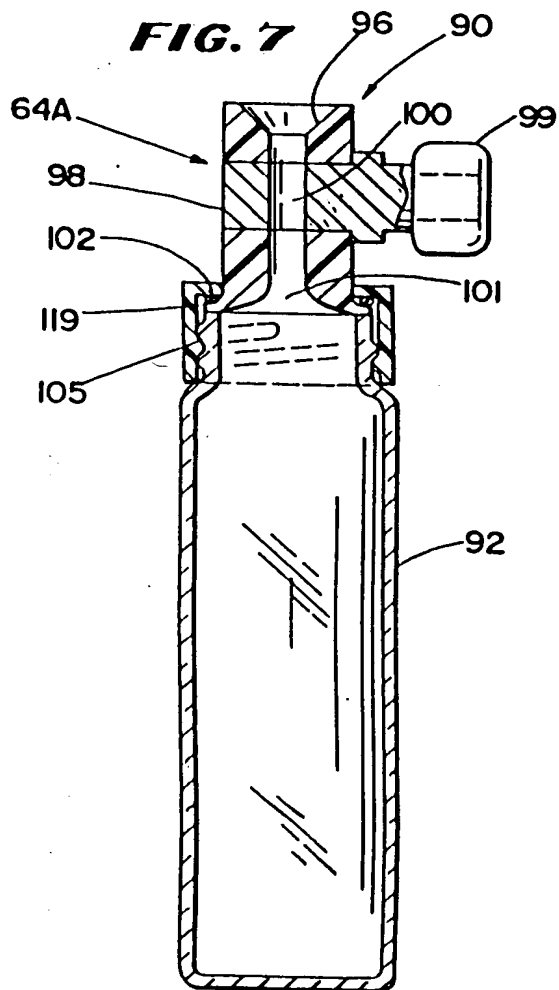


FIG. 8

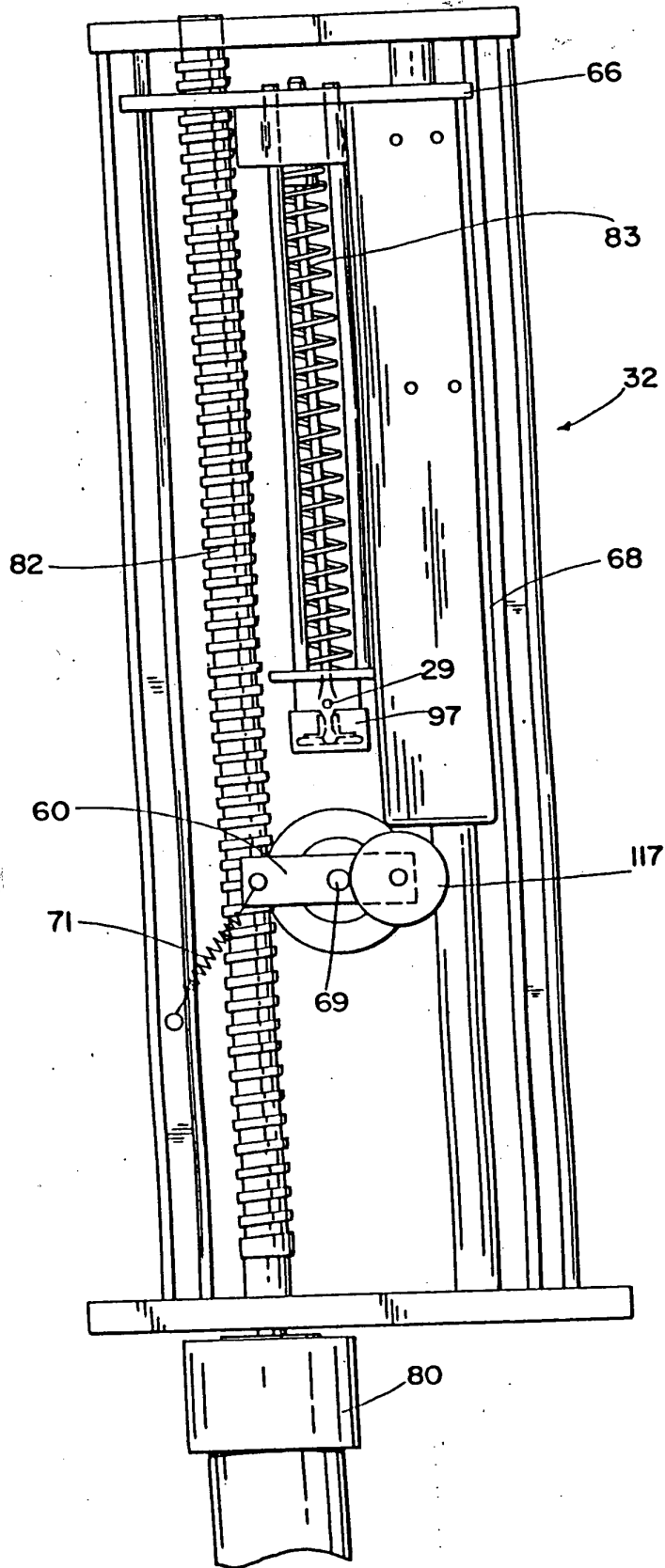


FIG. 9 is a cross-sectional view of a mechanical assembly. A central shaft (62) passes through a housing (118) at the top and a base (106) at the bottom. The shaft is threaded and has a nut (116) at the top. A series of springs (87) are arranged along the shaft, with a central spring (83) and outer springs (87A, 87C). The assembly is shown in a cross-sectional view with various components labeled with reference numerals.

Fig. 11

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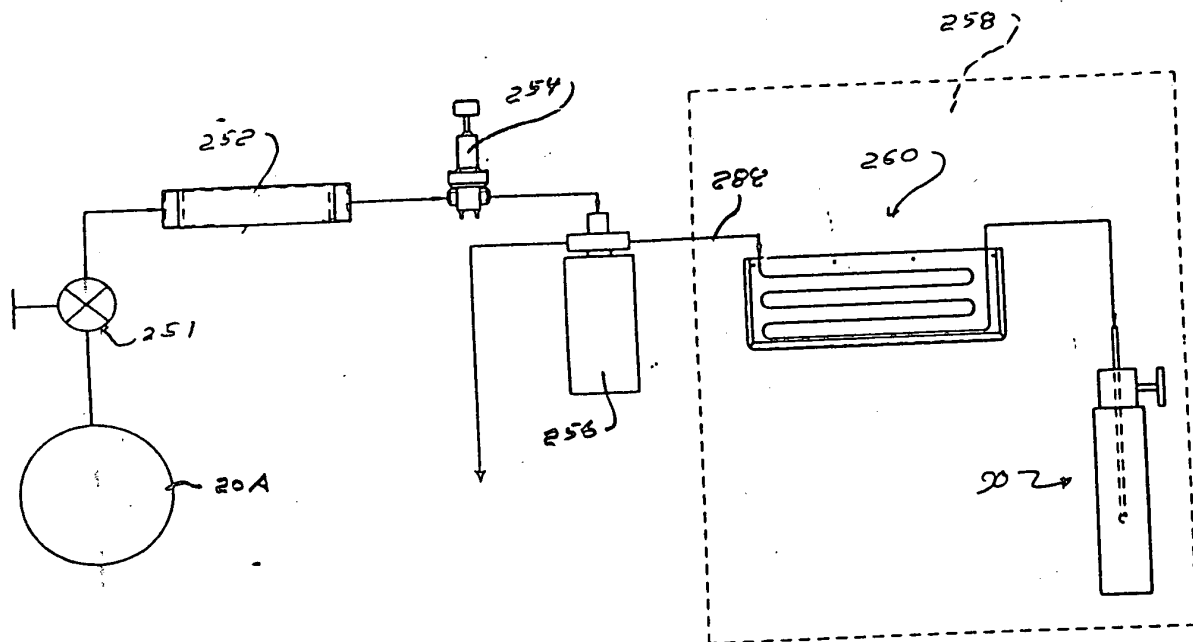
16

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FIG. 12

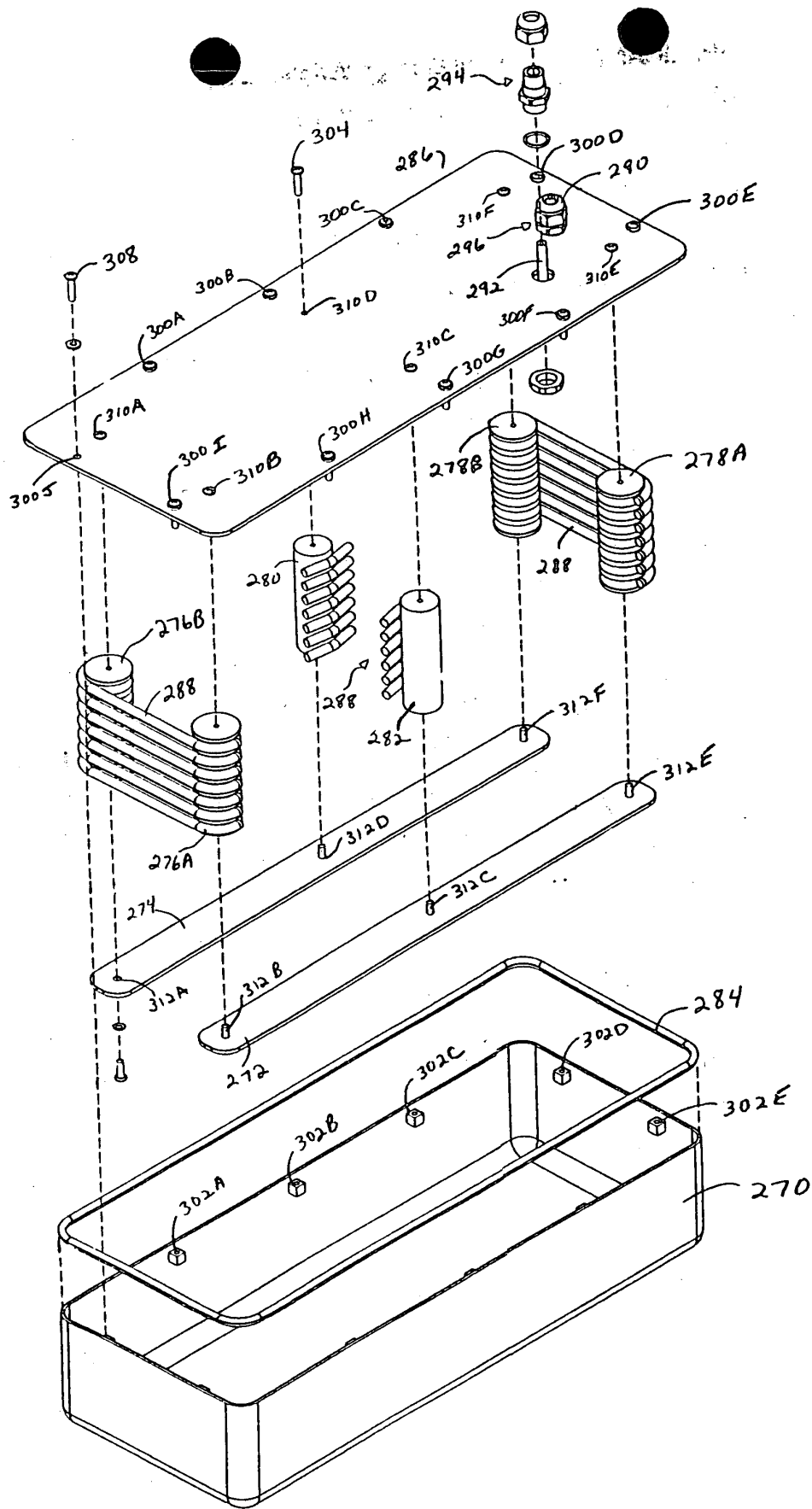


250

FIG. 12

FIG. 13

FIG. 14



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FIG. 14

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09882553.001501

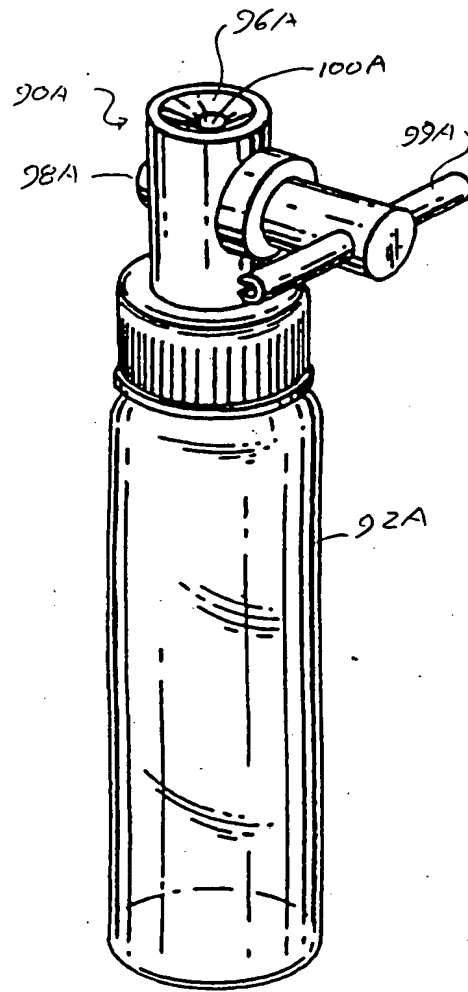


FIG. 16

FIG. 17

FIG. 17

FIG. 19

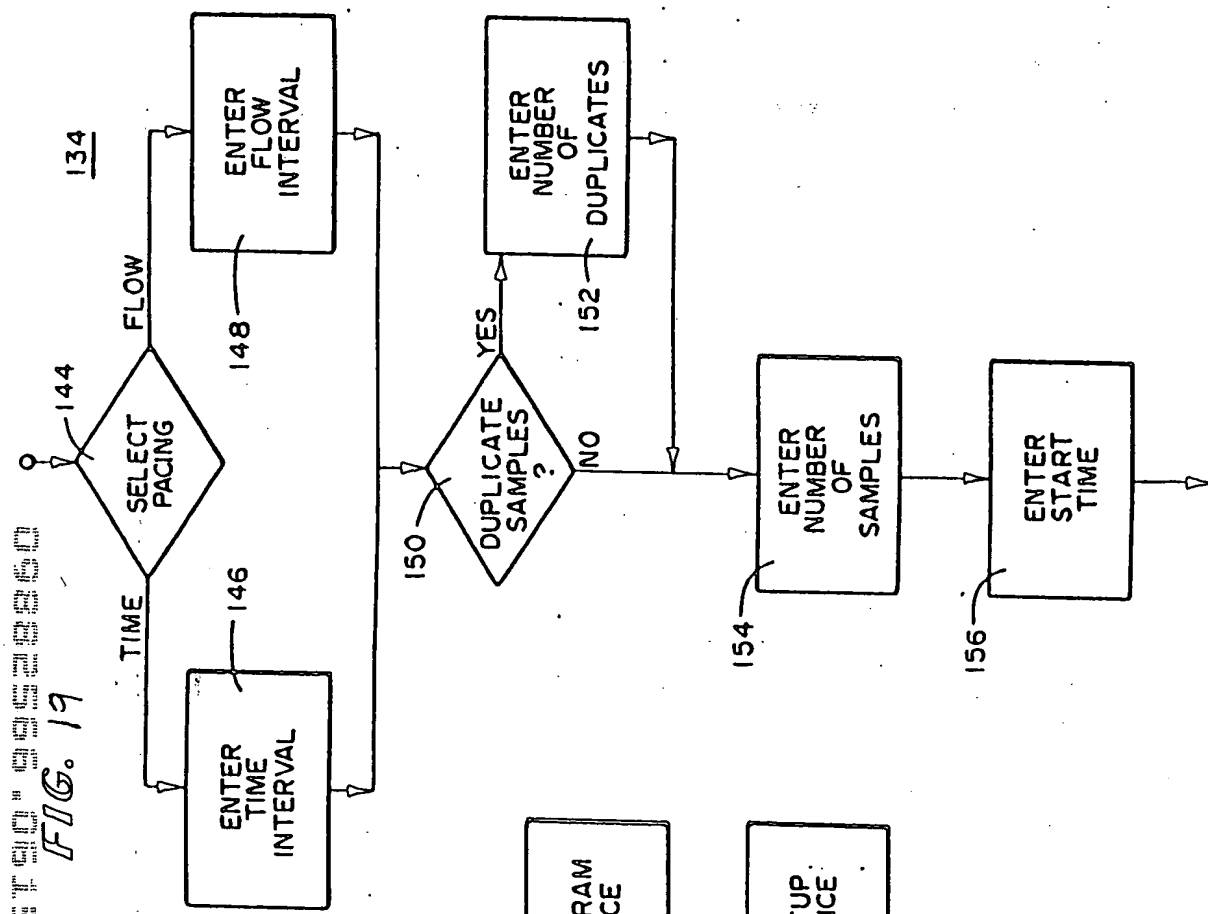


FIG. 18

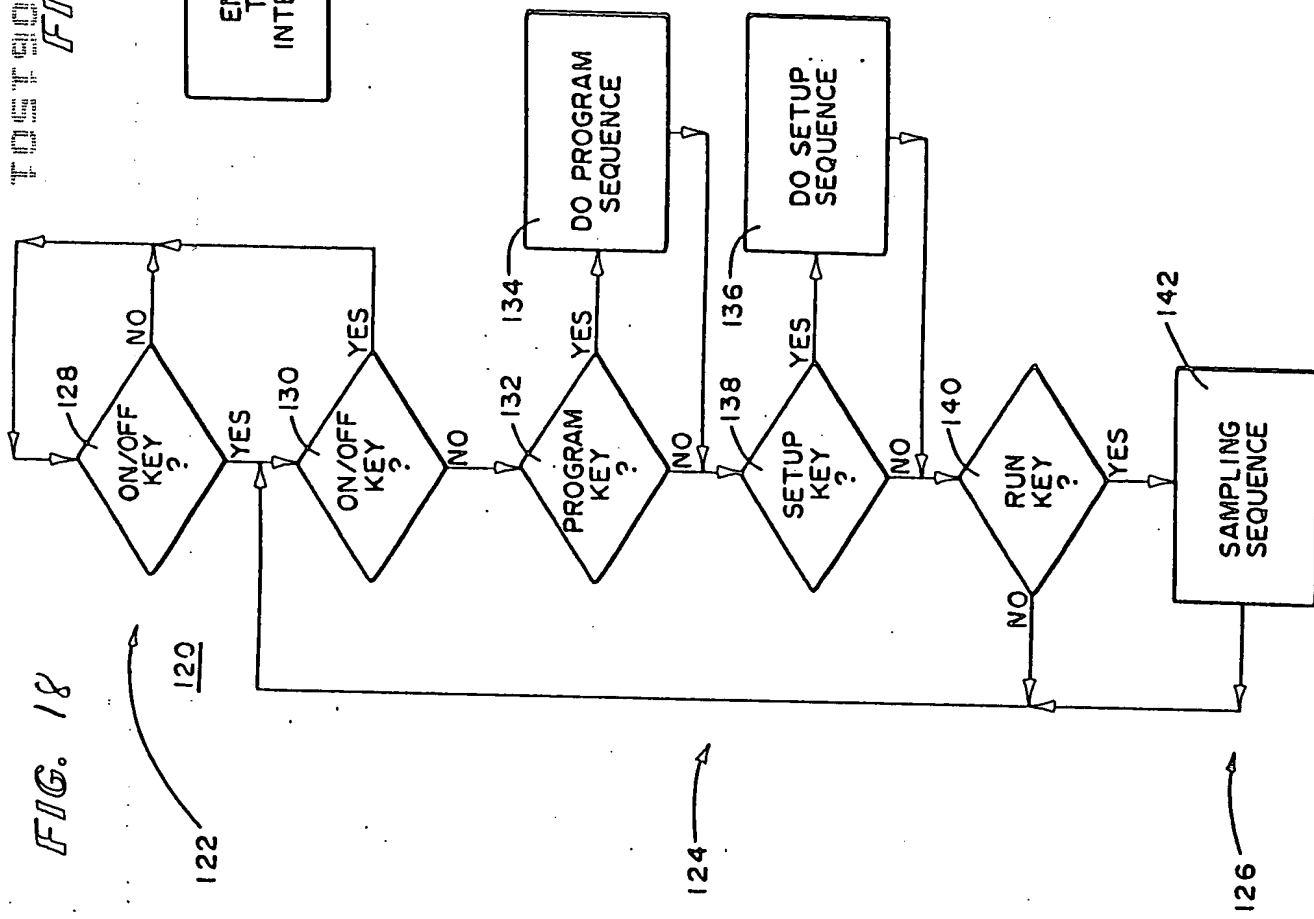


FIG. 20

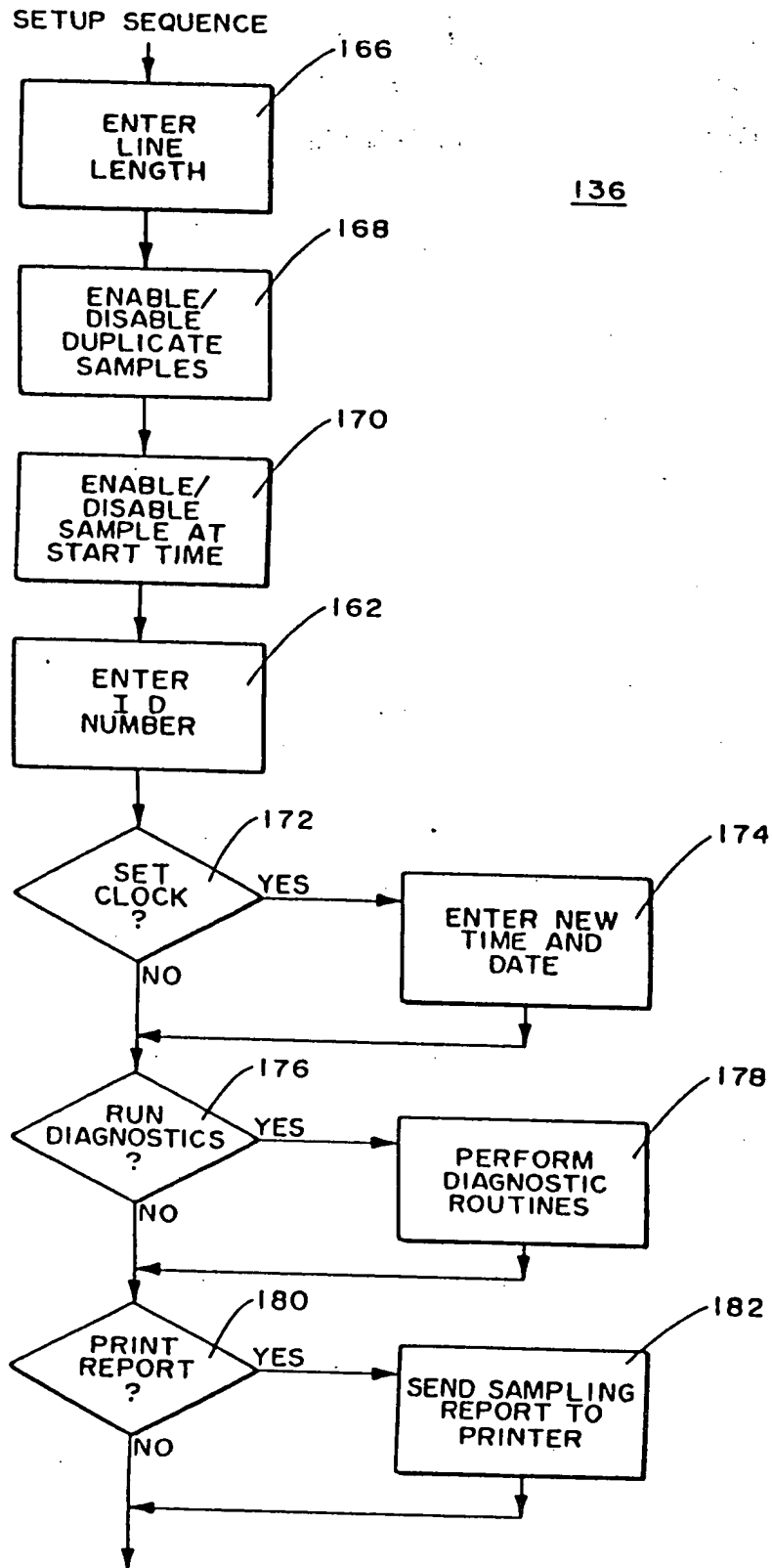


FIG. 21

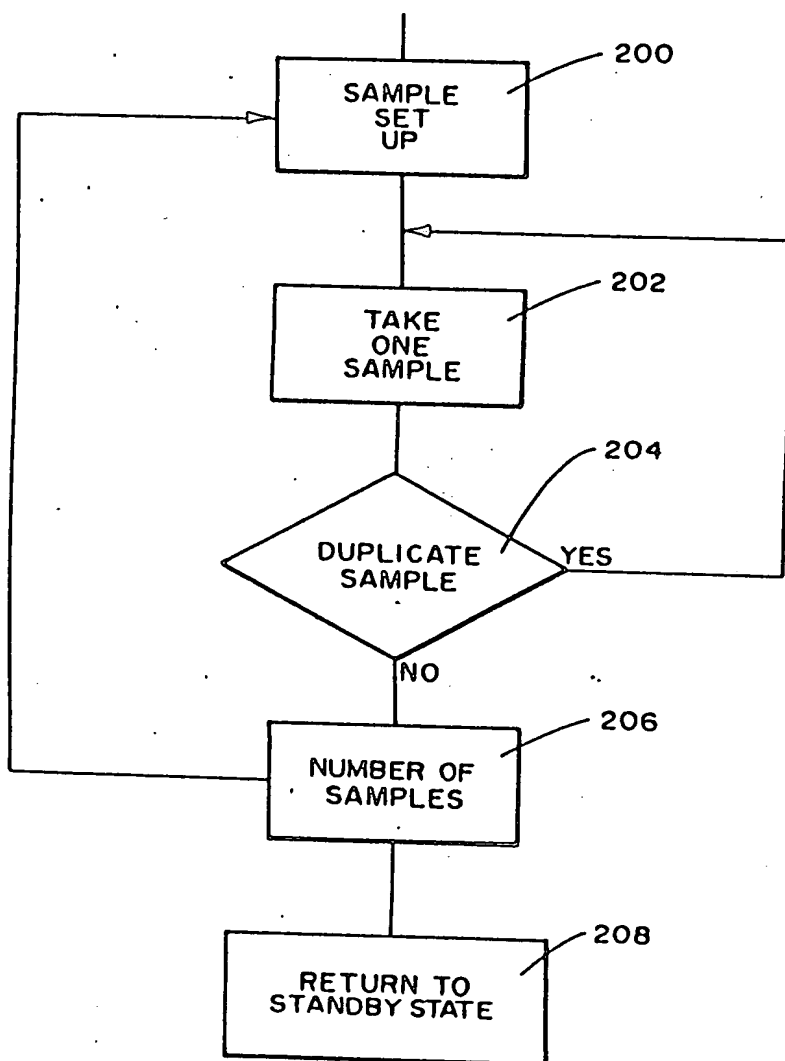


FIG. 22

SAMPLING SEQUENCE

200

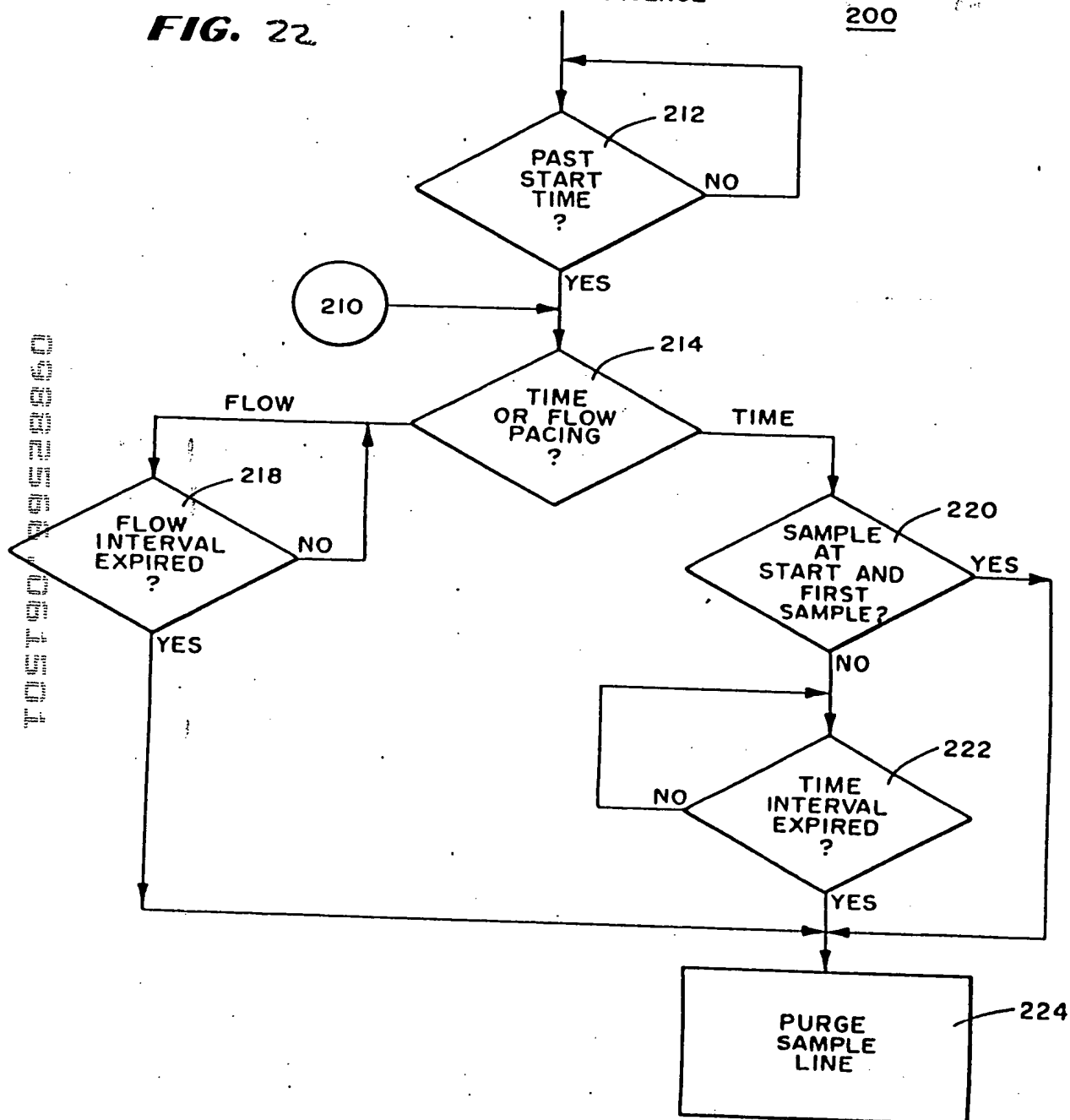
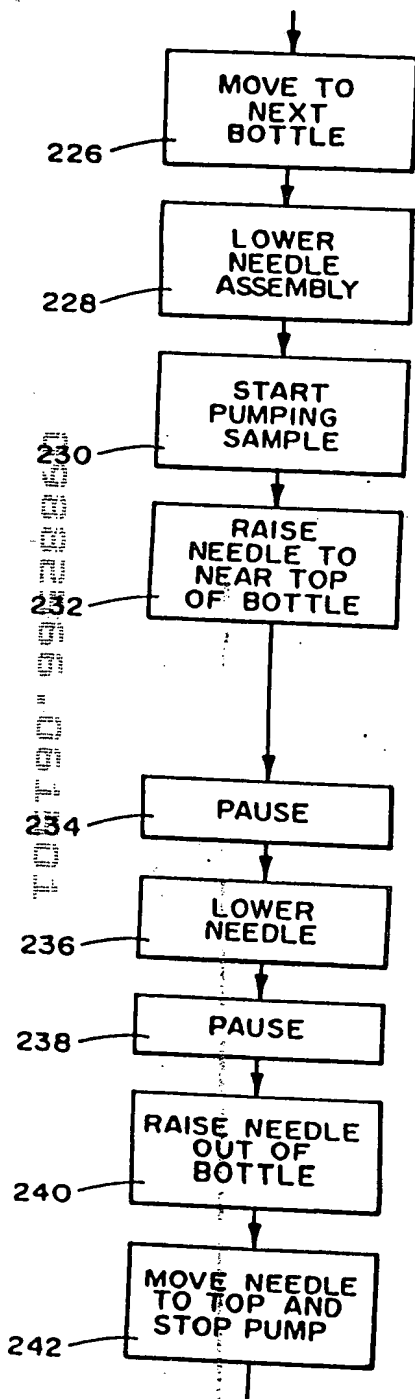


FIG. 23



202

FIG. 24

